THE EXCITER

Formerly Called Gutter Dope, Established in 1934.

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SAN ANTONIO RADIO CLUB CERTIFICATE

For contacting stations in San Antonio, Texas; no time limitations.
1. DX stations (including KH6 & KL7) contack 5 including 2 members of SARC.
2. U. S. Stations contact 10, including 3 members of the SARC.
3. Bexar County stations contact 25; including 10 members of the SARC.
4. Contacts with Club station W5SC will count double.
5. Certificates endorsed all one mode/band or mixed; each counts as serparate award. MER rule applies.
6. Charge 50 cents to W-K stations; no charge to DX stations.
7. QSL's not required, but San Antonio stations must have received applicant's QSL.
8. Available to SWL's on heard basis.

Send GCR list and full log data to San Antonio Radio Club Awards Manager, 100 N. Winston Lane, San Antonio 13, Texas

VHF AND UP

Activity on 52.525 mc. narrow band FM is picking up on mobile nets according to K5VCR and W5KRH. More of the NBFM equipment is becoming available for amateur use as it is being retired from commercial use. A second FM net is becoming active on 146.94 mc.

K5PKX, Excitor editer, heard Sigma 7 on 15.016 mc. while it was over Texas on its first and second orbits. On the first orbit, M.D. reports the signal strength reached S6. A new antenna system was used on the capsule in order to improve the h-f air to ground communications.

On 29 Sept. 62, the Canadian satellite Alouette was launhhddfrom Vandenberg AFB, Calif. It carries the largest antennas ever orbited; one is 150 ft. long and the other 75ft. long. It is being used for ionospheric studies with a transmitter to sound the top side of the ionosphere using frequencies near 75 meters.

The Golden Anniversary which marks the 50 years since radio amateurs were first licensed in 1912 received a nice editorial comment from the editor of the Proceedings of the IRE. The comment states in part: "In 1912, when amateurs were relegated to the "worthless" wave lengths below 200 meters, they obediently moved, and by cut and try and a goodly amount of science, proved the vagaries and merits of the "high frequencies." They pioneered portable and mobile communications and established the statistics for general acceptance of same. Single-sideband communications, "skip" measurements, and VHF communication capability have all been developed and proven out principally by amateur efforts.

"On this, the 50th anniversary of amateur radio, it would be interesting to know how many of the more than 100,00 IRE'ers have known the thrill, the ecstasy, the challenge, the fulfilment that could only have been provided by amateur radio. Happy Anniversary!"

To the above comment from the Oct. 62 Proc. IRE, must be added: And so it is and to all good luck.

Cal Graf
W5LFM

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DX NOTES

Continuing activity on the DX-pedition front is offsetting the poor conditions on the DX bands. Even as the MUF plunge nears the "Negacycle" region, local DXer's continue to add rare new ones to their country lists. One outstanding milestone was reached by W5UX when Bob snagged XT2Z from Upper

Editor ---------- K5PKX
VHF Editor ---------- W5LFM
DX Editor ---------- W5LGG
40 Meter Editor ---------- K5MOF
SSB Editor ---------- W5BVI
Circulation Manager ----- K5OPT

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THE SAN ANTONIO RADIO CLUB, W5SC
K5VCR, Pres. W5IRQ, V. P.
K5MOF, Sec. K5OPT, Treas.

Volta during the phone portion of the CQ DX Contest for his country number 300. Congratulations, Bob, on being the first hereabouts to reach the magic 300 circle. XT2Z was a SSB DX-pedition effort of the 9C1 gang.

Danny Weils' Yasme III stopped off at the North Cook (Manihiki) Islands long enought to dish out rate ZK1BY QSO's to the DX fraternity. He is now on this way to KS6 for supplies and a rest; then more rare spots.

Gus Browning's round the world efforts have now led him to Gough Island (ZD9AM) via an ice-breaker of the South African Navy. Gus just finished highly successful stays at Rwanda and Burundi, the 2 new central African Republics, and is scheduled to activate remote Bouvet Island (LAØA) after the ZD9 stint. Credit Gus with being "firstest with the mostest" when it comes to putting those truly rare sports on the air.

Another Antarctic area due for activation is that rarest of the rare penquin roosts, the South Sandwich Islands. Look for LU3ZY, the ham station of the Argentine Navys' Sandwich Island task force. The last time there was activity from there was back in January of 1956, and only a fortunate few got through then.

Other active DX includes JT1KAA on 20 from the Mongolian Soviet State in Zone 23; CR8AB on 20 SSB and VR5AR on 20 SSB. Don't be misled by a seemingly dead band; some of these rare DX stations will pop through on an otherwise dead band with very strong signals. They usually come via the short path these days and you should work them while you can because they sometimes fade out as rapidly as they come in.

Don't forget the CQ DX Contest (CW) the last weekend in November; lots of good DX will be on. C U then.

73 and DX
Len, W5LGG

SIDEBANDING AROUND SAN ANTONIO

There are many new calls being heard around the city on SSB. So we send out a big welcome to those that have moved into the area and to those who have just come around to our way of thinking.

In the past few days there have been some good openings on 15 meters, so the good winter conditions are just around the corner.

Have you heard the new equipment on the air? The new Heath SSB Exciter sounds very good but I have received word from some fo the gang that they had some difficulty getting them on the air. In a few more months they should have the bugs out of them and who knows, Heath may have another DX-100. Also, the Hammerlund people have come out with a very neat little package which looks good using a crystal filter in the sideband generator. The audio on this rig is very crisp but could be due to the way they tune it.

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FRED K5ENK **JIM K5TYI**

There are a few new certificates out but none seemed very interesting to me. There is one which will be out in the near future for working San Antonio. I think it is the best looking certificate I have seen.

The DX on SSB has been slow but this is due to my not having time to get on the air lately. I have always been told DX is hard to come by after the first 100. Now I know what is meant by that.

Have you attend SARC meeting lately? How about droping by on the first or third Friday and visit us. Until next time I will be seeing you around the bands. Strictly Sideband.

73, Mac W5BVI

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FM NEWS

In line with the increased usage of FM on Six and Two meters, here is a quick summary of the proposed and active channels in San Antonio.

6 M:	52:525mc	(National) calling & working
	52.64	Emergency calling (24 hour monitor)
	52.72	Long haul Base-to-Base*
	53.0	Proposed six meter repeat receiver*
2 M:	146.34mc	Two meter repeat receiver & 24 hr emergency monitor
	146.64	Long haul base-to-base
	146.76	Proposed rag chew channel*
	146.94	(National) calling and working

* frequencies activated about Jan 63

In line with the above, a wise choice of mobile crystals would be: Six Meters; transmit 52.525 & 52.64, receive 52.525 + .64. Two Meters; transmit 146.94 + .34 receive 146.94. Base stations the same, except those interested in long haul work should also equip for transmit and receive on 52.72 and/or 146.76. When and if activity becomes great enough, 146.76 will be activated to release 146.94 for emergency mobile monitoring when the repeater is not active (i.e. 146.34 not monitored). In line with the 24 hour montior on 52.64 and 146.34, it would be appreciated if activity on these channels would be limited to bona fide emergencies during the late night and early morning hours. Also there are numerous crystals available, for tuning transmitters, which fall near enough to active channels that tuning will not change when on channel crystals are inserted, but are far enough away not to interfere with normal operating activity if you find prolonged tuning necessary. Contact W5VPQ for sources.

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Harry 9W1785 **Richard** 9W1574

WITH THE BEXAR COUNTY AREC

Work at W5SC is progressing with some equipment already installed at our new location at 3207 Broadway. An Antenna Raising Party is set for 1400CST, Saturday, October 27th. Any help in this project will be appreciated.

It is highly recommended that as many AREC members who can visit the operating location and become familiar with the layout and equipment.

K5VCR is currently holding Code classes at the Red Cross Building and it looks like we'll have some new calls in our midst soon.

Some confusion has arisen in regard to the time for net sessions and time used in radio messages. Time used in BCEN and District 7 HWN is GMT. To convert CST to GMT add 6 hours to CST. For example: o730GST is 1330GMT. We have ARRL time conversion cards available to any AREC members desiring them.

We wish to welcome W5DML Gonzales, Texas, WA5AFA Stonewall, Texas and K5HRF San Antonio to the AREC ranks and the District 7 HWM. W5BRC Kenedy, Texas has been taking Net Control for the District 6 HWN and is doing a commendable job. Band conditions have been excellent and all stations attempting to check in have been heard. New EC's in the area are W5BRC, Karnes County and W5OUH Frio County.

Unbelievable but true; Aubrey K5MOF operating SSB mobile in West Texas and doing a real fine job. Stay in there Aubrey, we read you loud and clear.

73, Lee K5HZR EC San Antonio/Bexar County

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GUTTER DOPE

Ott, W8DYW in western Ohio is operating around 7260 each night. For those who think they radiate well, take heed to the sigs from Otts QTH. His homebrew input is 10 to 15 watts, depending on conditions. The heart of his station is a 40 meter ground plane antenna sitting 90 feet in the air. Ott states that 10,000 feet of wire were used in construction and buying of same. -...- Earl, K5YNS, is having trouble firing up on 80 meters with is Valiant. All suggestions welcome. (Editors note: Try writing to Chrysler Corp.)-...-W5RKI, Leroy of Eagle Pass is busy making plans. Can't some of you fellows talk him out of it.-...-Joe Estep, W8TSP/5, is going to conduct a ham clinic type column for the Exciter. To be titled "Uncle Joe's Corner" or some other such trivia, it will be open to all to ask advise on any problem pertaining to Ham Radio (no advise to the lovelorn, etc.). Send in your questions to Box 62. San Antonio, Texas-...-

Audio

FOR SALE All Band GG Final 600-1000W w/ps w/1-RK65 in cabinet built by W5RSD $150.00. Central Electronics 20A w/Band Hooper VFO, $150.00. Globe LA1 Final 80-6 $50.00. Call Dave Ronecker 212 Yale PE5-1174.

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